**SPB – Spectra™ Bollard**

- Cast aluminum hood and tamper resistant hardware
- Type 5 distribution
- Upper reflector improves lighting performance and illuminates the hood
- Adaptable appearance is perfect for contemporary or traditional installations
- Two housing sizes and matching bollard offer consistent whole-site solutions
- Durable and long lasting design provides worry-free maintenance
- Powder coat finish in 13 standard colors with a polymer primer sealer

<table>
<thead>
<tr>
<th>1. LUMINAIRE</th>
<th>2. LAMP/BALLAST</th>
<th>3. HOOD FINISH</th>
<th>4. COLOR</th>
<th>5. OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPB (Spectra bollard)</td>
<td>LED</td>
<td>STS (Stainless steel)</td>
<td>WHITE</td>
<td>COP (Natural copper)</td>
</tr>
</tbody>
</table>

**2. LAMP/BALLAST**

LED
- 12 LED array: 14.8 watts. Warm white (3000K), Neutral white (4000K), Bright white (5000K), 120 thru 277 volt. Symmetric distribution.
- 12LED-WW (Warm white)
- 12LED-NW (Neutral white)
- 12LED-BW (Bright white)
- 6 LED array: 8.0 watts. Warm white (3000K), Neutral white (4000K), Bright white (5000K), 120 thru 277 volt. Asymmetric distribution.
- 6LED-WW (Warm white)
- 6LED-NW (Neutral white)
- 6LED-BW (Bright white)

**COMPACT FLUORESCENT** (120 thru 277 volt)
- 34 watt lamp: 575 lumens.
- 6 LED array, lightly diffused lens: 120 thru 277 volt.
- 6 LED array, 120 thru 277 volt.

**METAL HALIDE** (120/277 volt ballast)
- Medium base, ED-17 lamp
- 50MH – 70MH
- G12 base, T-6 ceramic lamp
- 70MHT6

**HIGH PRESSURE SODIUM** (120/208/240/277 volt ballast)
- Medium base, ED-17 lamp
- 50HPS – 70HPS

**NOTES**

- All fixtures prewired for 277 volts, unless specified. Lamps not included. LED drivers are universal input.
- The fixture housing shall be all cast aluminum, A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. The ballast shall be mounted internally and accessed by loosening two captive bolts and lifting off the top of the fixture. The top cover shall be hinged and secured with one captive tool-less fastener for relamping. The top shall seal with a molded silicone gasket. The upper reflector cone shall be matte finished anodized aluminum. The lens shall be clear seamless acrylic sealed to the housing with a molded silicone gasket on the top and bottom. The vertical struts shall be 316 stainless steel tubing. All internal and external hardware shall be stainless steel. All female threads on the aluminum parts shall be cast-in-place brass inserts to ensure no thread seizure.

**LENSES/ELEMENTS**

The frosted glass diffuser element shall be borosilicate glass with a twist on connection to the lower cone assembly. The cone shall be matte finished anodized aluminum.

**ELECTRICAL**

The ballast shall be integral to the fixture, mounted on a prewired module with a quick disconnect plug. The ballast module shall have keyhole slots and be removable by loosening two screws. Sockets shall be pulse rated porcelain. HID ballasts shall be high power factor, rated for -30°C starting. The compact fluorescent ballast shall be electronic for use with 4 pin lamps (GX24q-4 socket) rated for -18°C starting temperature. Ballasts are multiplexed, wired at the factory for 277 volts, unless specified. Driver will accept 120 thru 277 volts input.

See next page
FINISH
Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION
Fixtures shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no.250.

WARRANTY / TERMS AND CONDITIONS OF SALE
Download: http://www.hubbellighting.com/resources/warranty/

AAL reserves the right to change product specifications without notice.

SPB 12LED BW
WATTAGE: 14.8  LUMEN OUTPUT: 719  EFFICACY: 48.5

B0 U3 G1
FORWARD LIGHT  LUMEN
FL  30°  3.6%  26
FM  60°  13.4%  96
FH  80°  15.3%  110
FVH 90°  8.1%  58
BACK LIGHT
BL  30°  3.6%  26
BM  60°  13.4%  96
BH  80°  15.3%  110
BVH 90°  8.1%  58
UPLIGHT
UL  100°  11.7%  84
UH 180°  7.4%  53

IES files can be found at www.aal.net